

SR-141



Construction

Item	Material	Diameter	Remark
Center Conductor	SPCW	0.92 mm (0.036 inch)	Solid
Dielectric	PTFE	2.98 mm (0.117 inch)	Solid
Outer Conductor	TC	3.58 mm (0.141 inch)	100% Coverage

Electrical & Mechanical Data

Characteristic Impedance	50 Ω
Operating Frequency	20 GHz (Max.)
Velocity of Propagation	69.5 %
Capacitance	29.0 pF/ft (95.1 pF/M)
Operating Temperature	- 40 °C ~ 125 °C
Shield Effectiveness	> -110 dB
Working Voltage	1,900 Vrms (Max.)
Weight	46.7 kg / km
Min. Bending Radius	6.35 mm (0.25 inch)

Attenuation

Frequency (GHz)	Max. Attenuation	
	(dB/m)	(dB/ft)
0.5	0.26	0.079
1	0.39	0.119
3	0.69	0.210
5	0.95	0.290
10	1.48	0.451
20	2.30	0.701